

FIG. 1

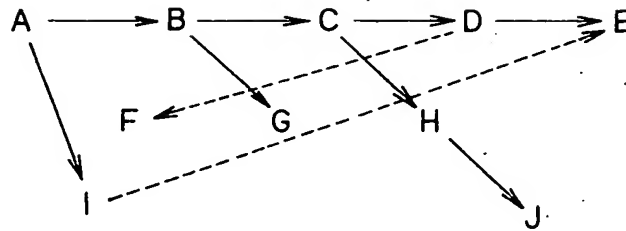


FIG. 2

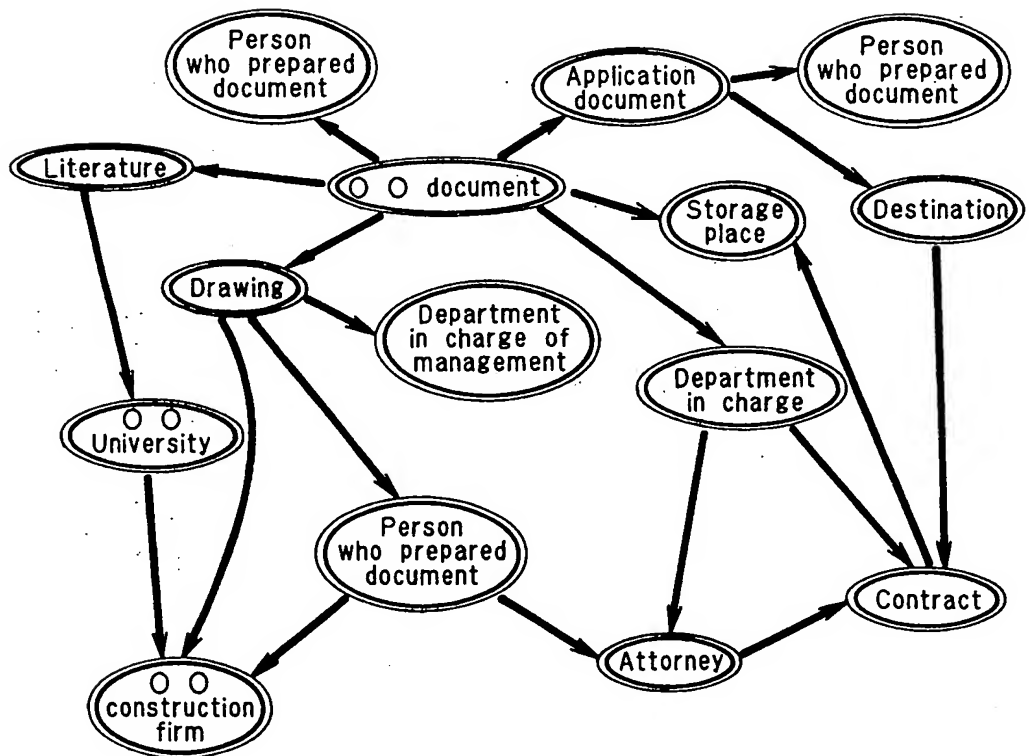
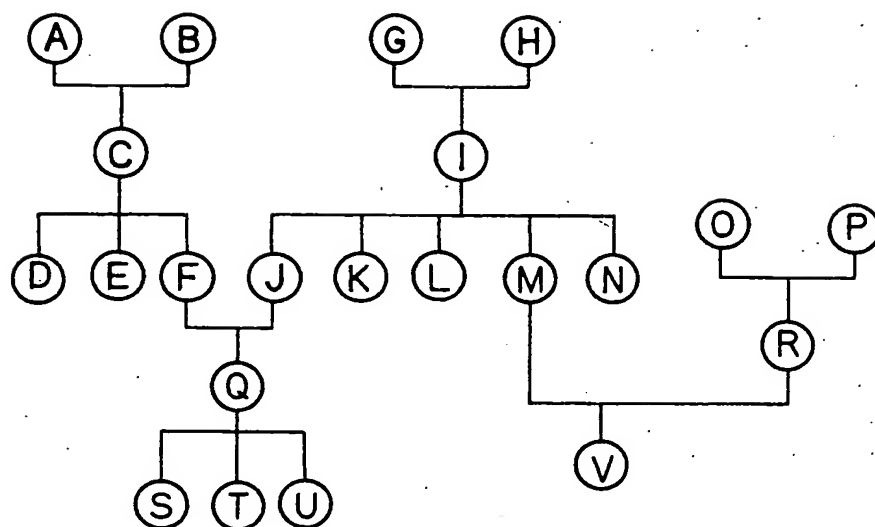


FIG. 3



**FIG. 4**

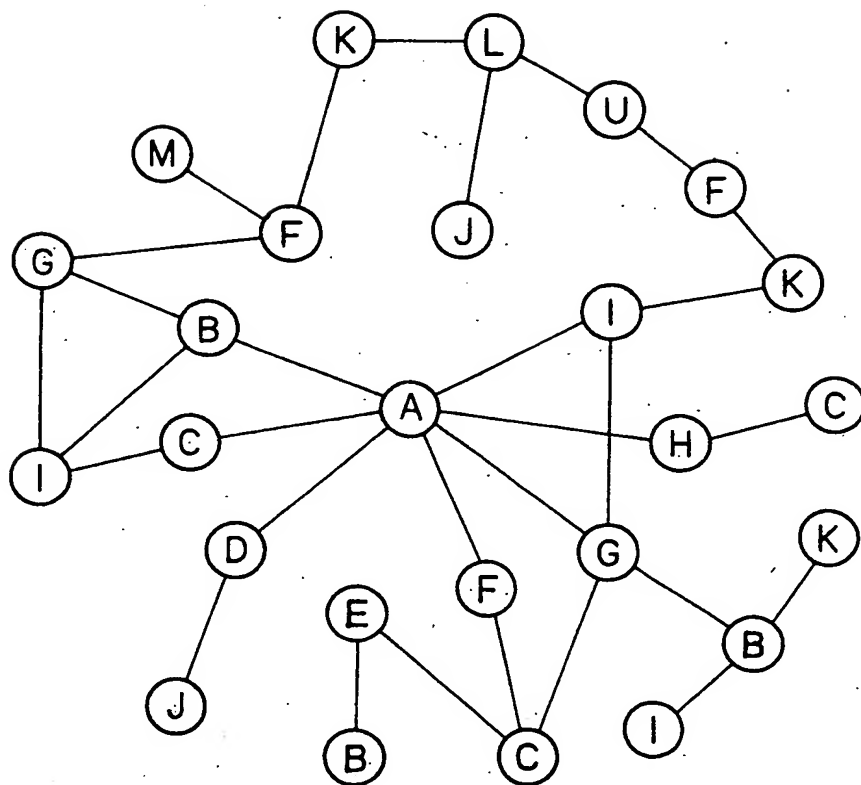


FIG. 5

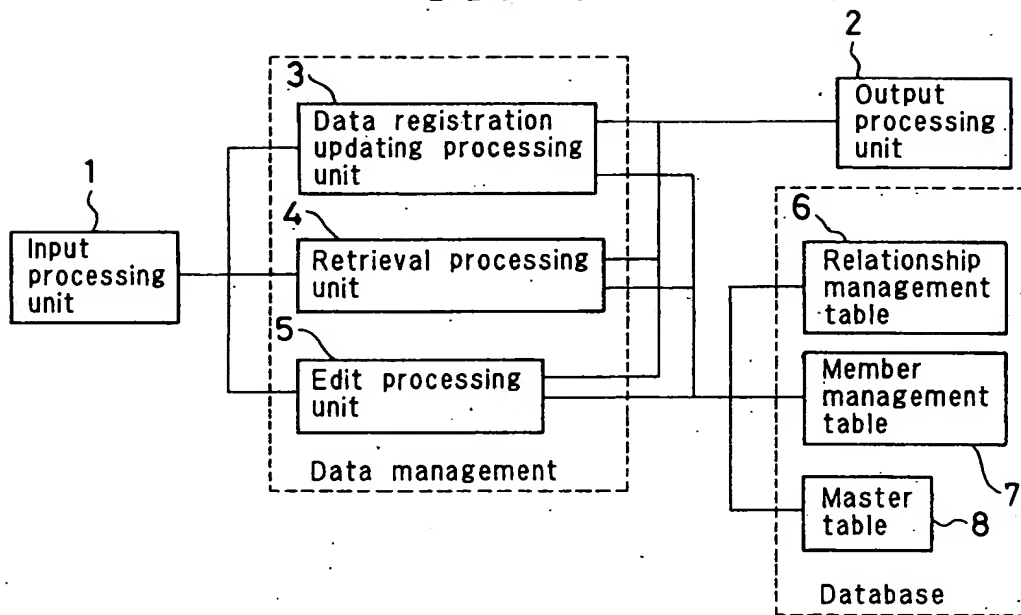


FIG. 6

Identifier		Member detailed information	
Type		Summary	History
Rank			
Classification			
Job type			
Data			

FIG. 7

Identifier (parent)	Identifier (child)	Relationship classification

FIG. 8(A) FIG. 8(B) FIG. 8(C)

Table for each type	Rank table		Classification table		
Member type	Rank	Priority rank	Large classification	Medium classification	Small classification
Person	Most important	High	Tokyo	Shibuya-ku	Ebisu
Company	Important	Intermediate	Head office	General Affairs Dept.	General Affairs Dept.
Document	Customer A rank	Low			

FIG. 8(D)

FIG. 8(E)

Job type table	Relationship classification table	
Manufacturer	Relationship classification	Priority rank
Information service provider	Superior staff	High
Self-governig body	Subordinate staff	Medium

FIG. 9

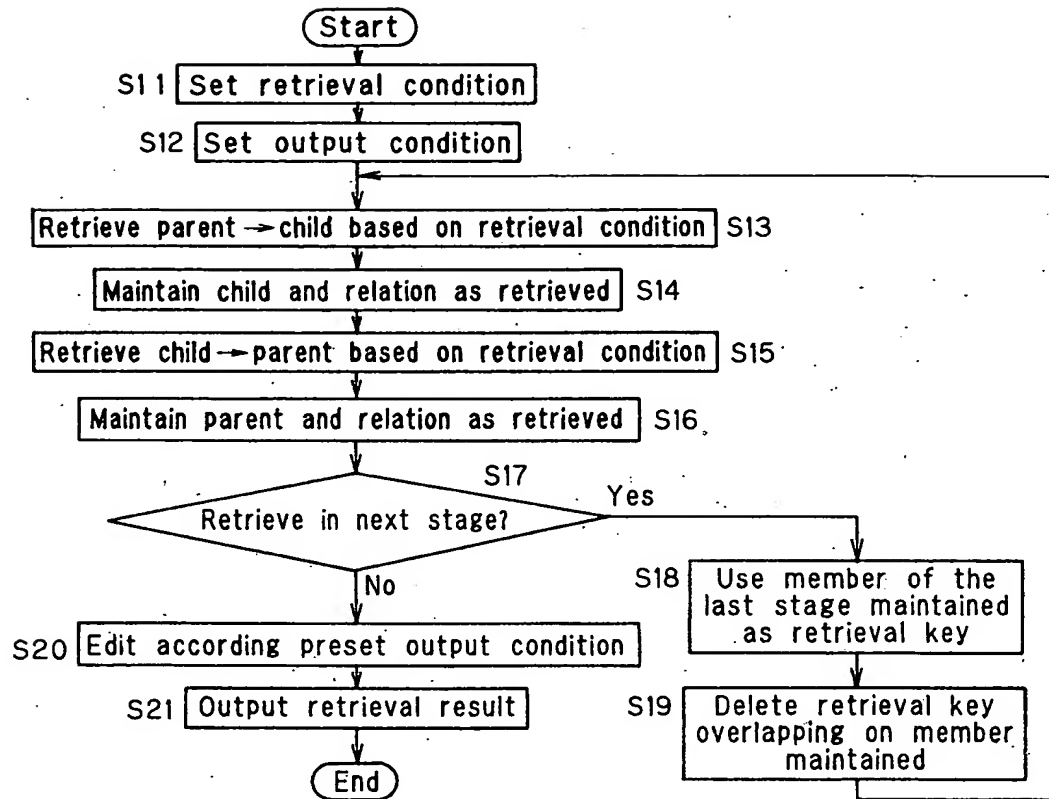


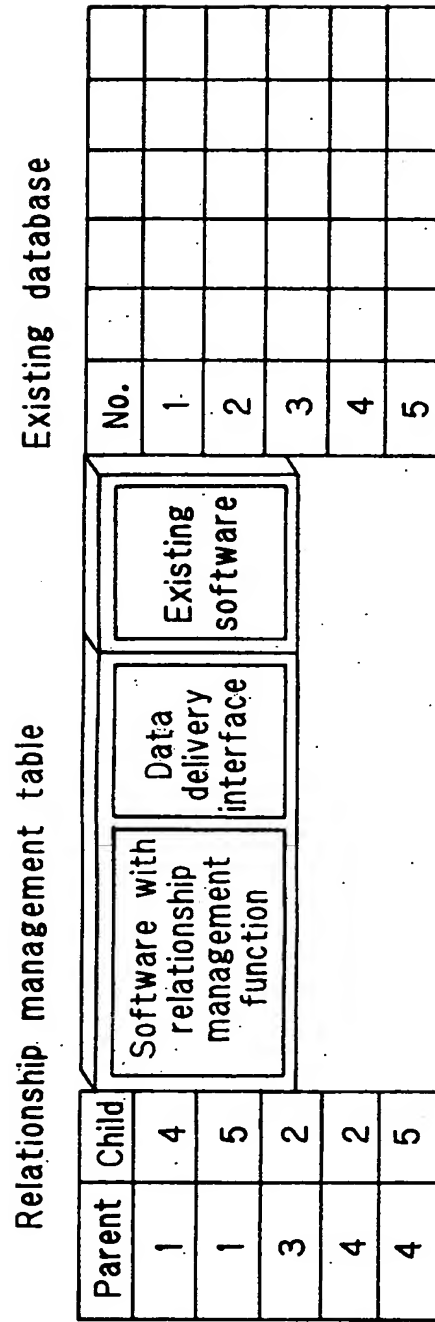
FIG. 10(A)

Member name (ID)	
Type	
Classification	
Rank	
Job type	
Scope of retrieval	

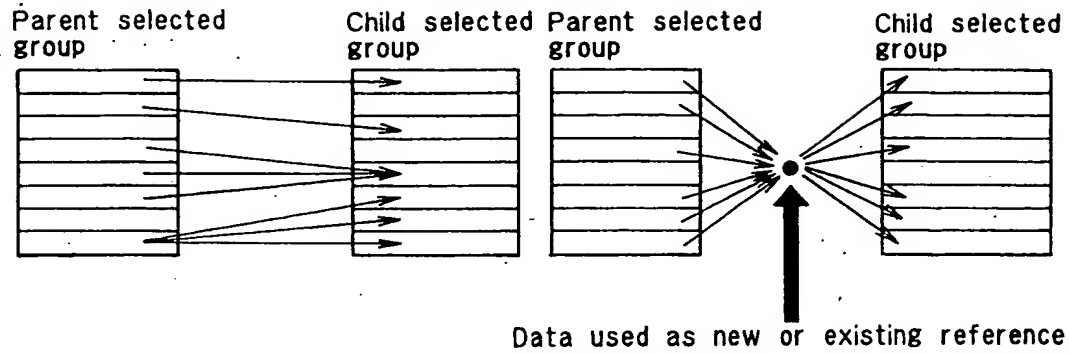
FIG. 10(B)

Parent	
Child	
Color	Parent Child
Relationship	
Mode	
Pattern	

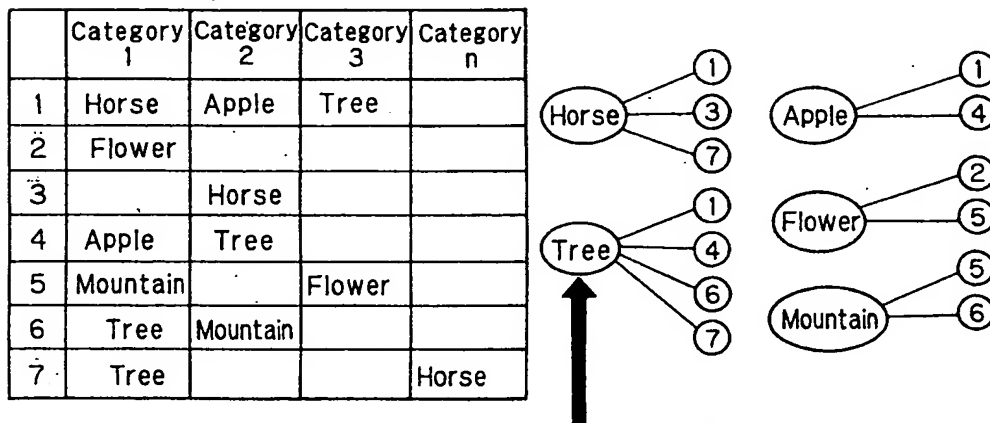
**FIG. 11**



**FIG. 12**



**FIG. 13**



Data used as new or existing reference

**FIG. 14**

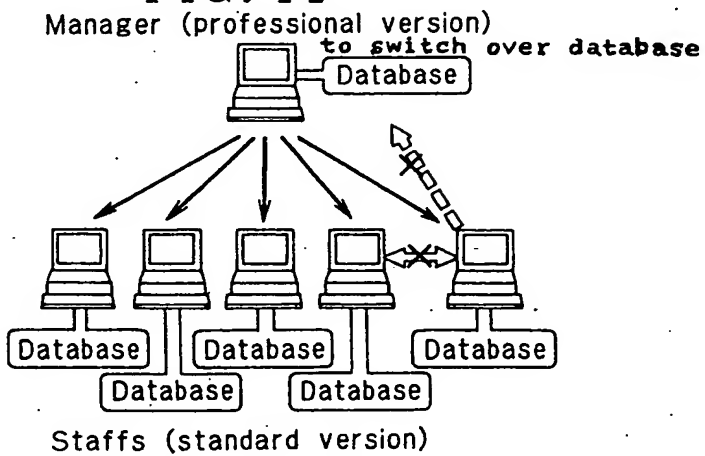
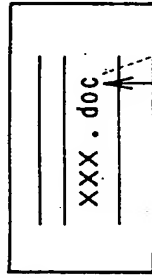




FIG. 15(C)

File management software



The entire file

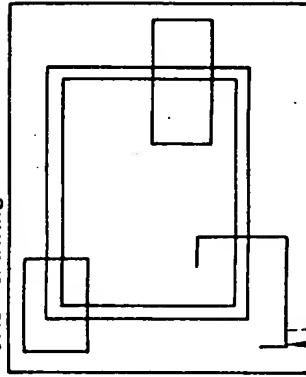
FIG. 15(A)

Table calculation software

A3	Nagasaki		
	A	B	C
1	Fukuoka	123	1
2	Saga	124	23
3	Nagasaki	125	45
4	Oita	126	67
5	Kumamoto	127	89
6	Miyazaki	128	111
7	Kagosima	129	133

Any sheet or selected cell

CAD drawing



Any object in drawing

FIG. 15(D) The entire image or a portion Image selected as desired



FIG. 15(E)

Relationship management table

Parent	Child
1	4
1	5
3	2
4	2
4	5

FIG. 15(F)

Member management table

Identifier	Object or attribute or attribute information
1	
2	
3	
4	
5	

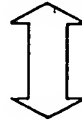


FIG. 16(A)

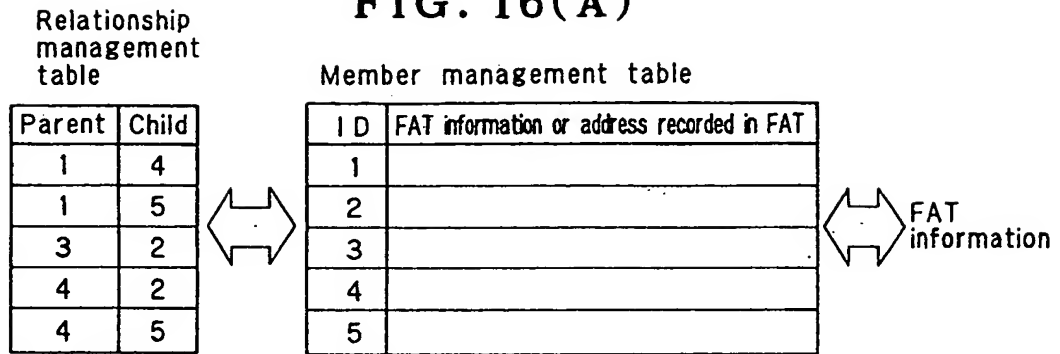


FIG. 16(B)

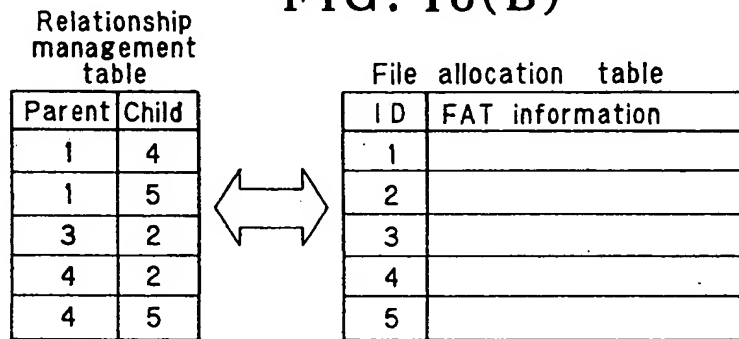
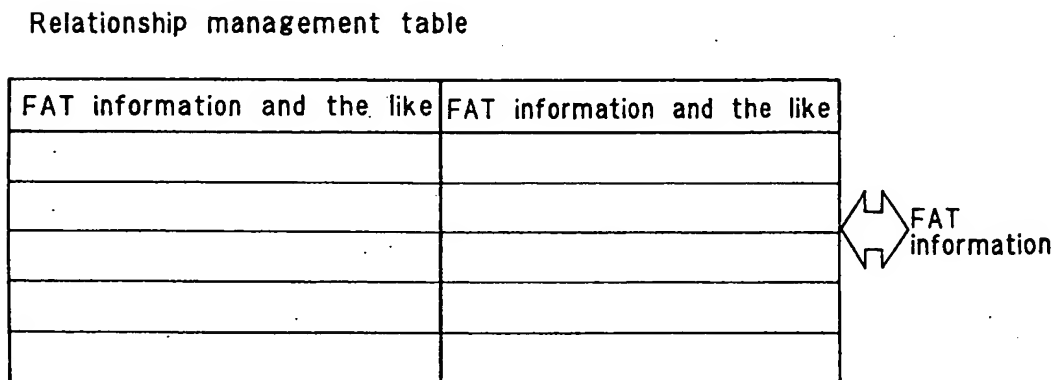
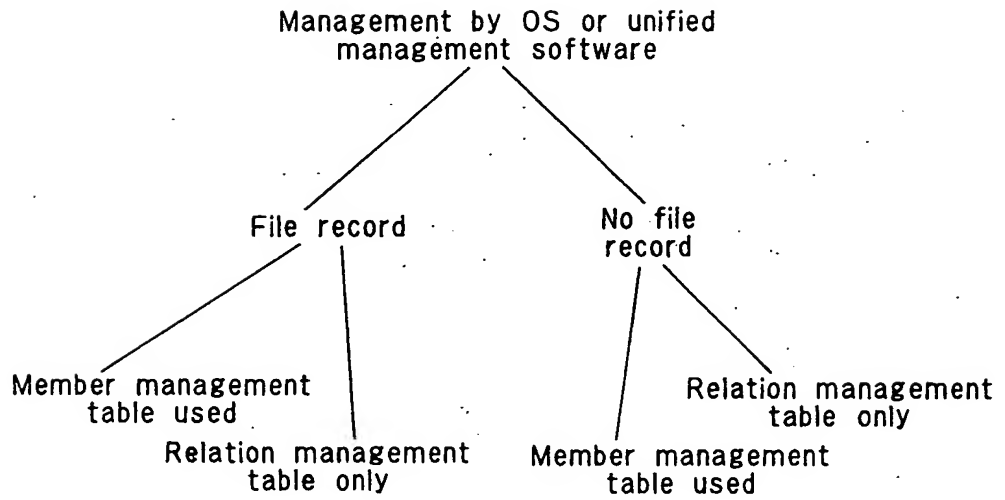


FIG. 16(C)



**FIG. 17(A)**



**FIG. 17(B)**

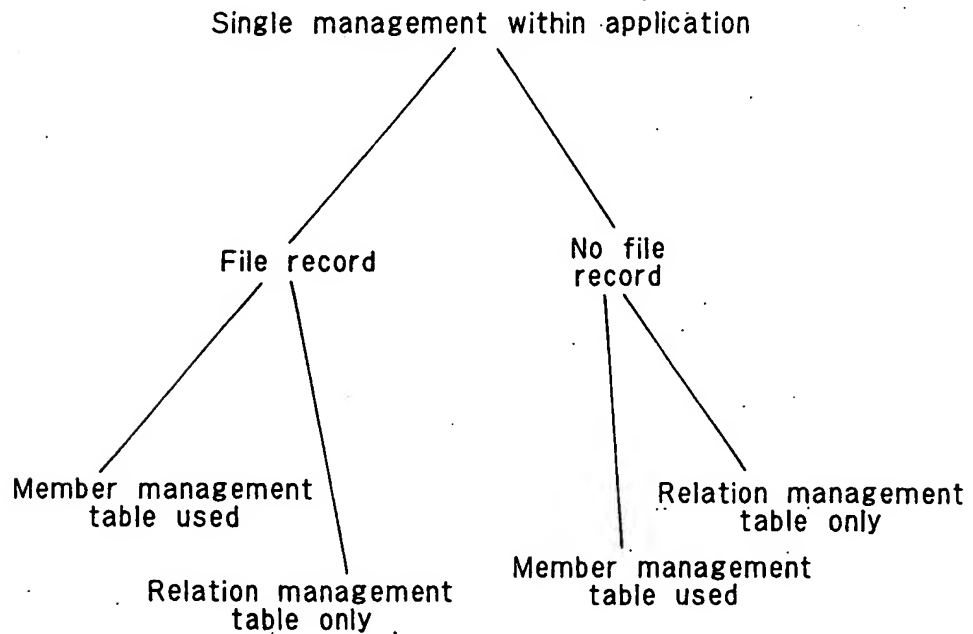


FIG. 18

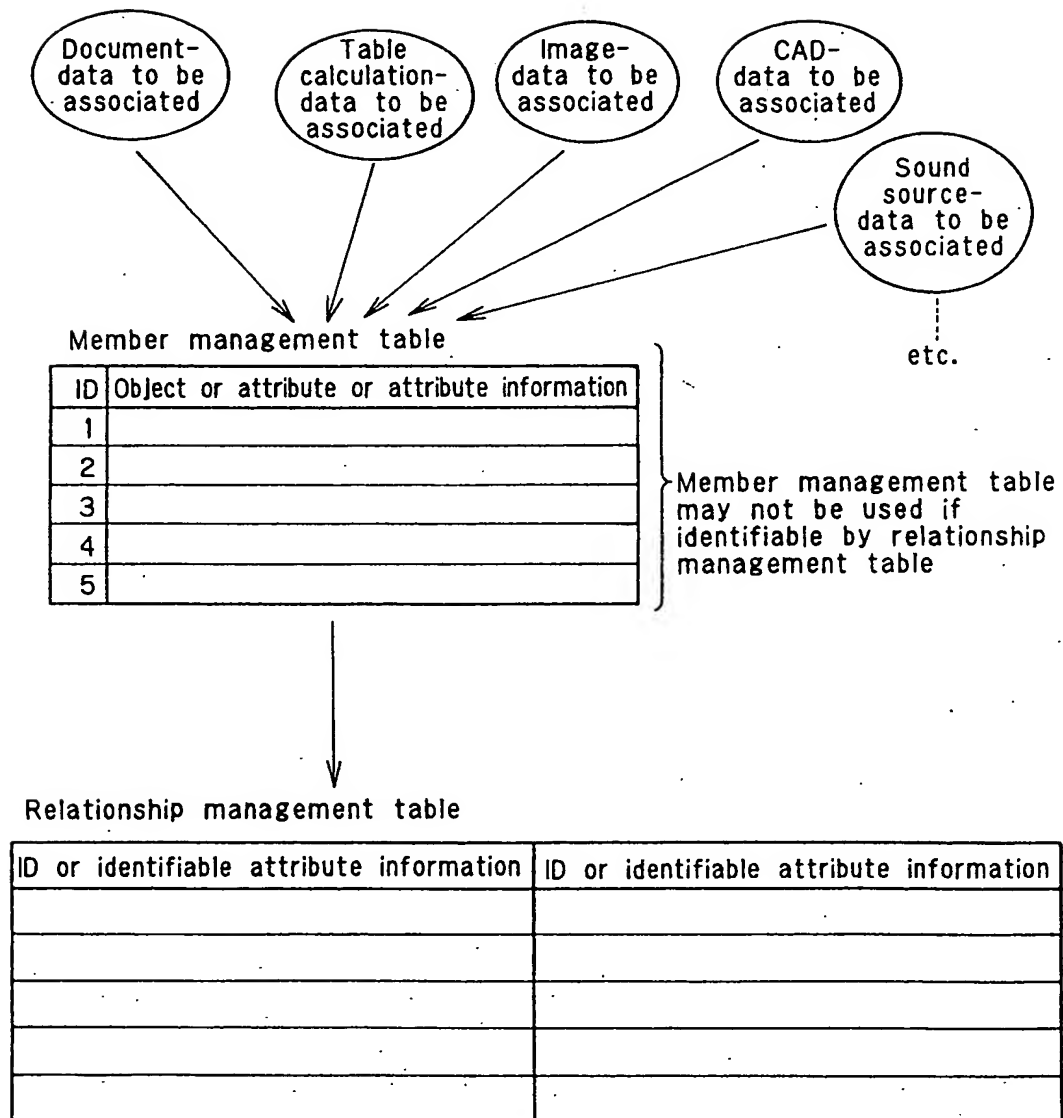


FIG. 19(A)

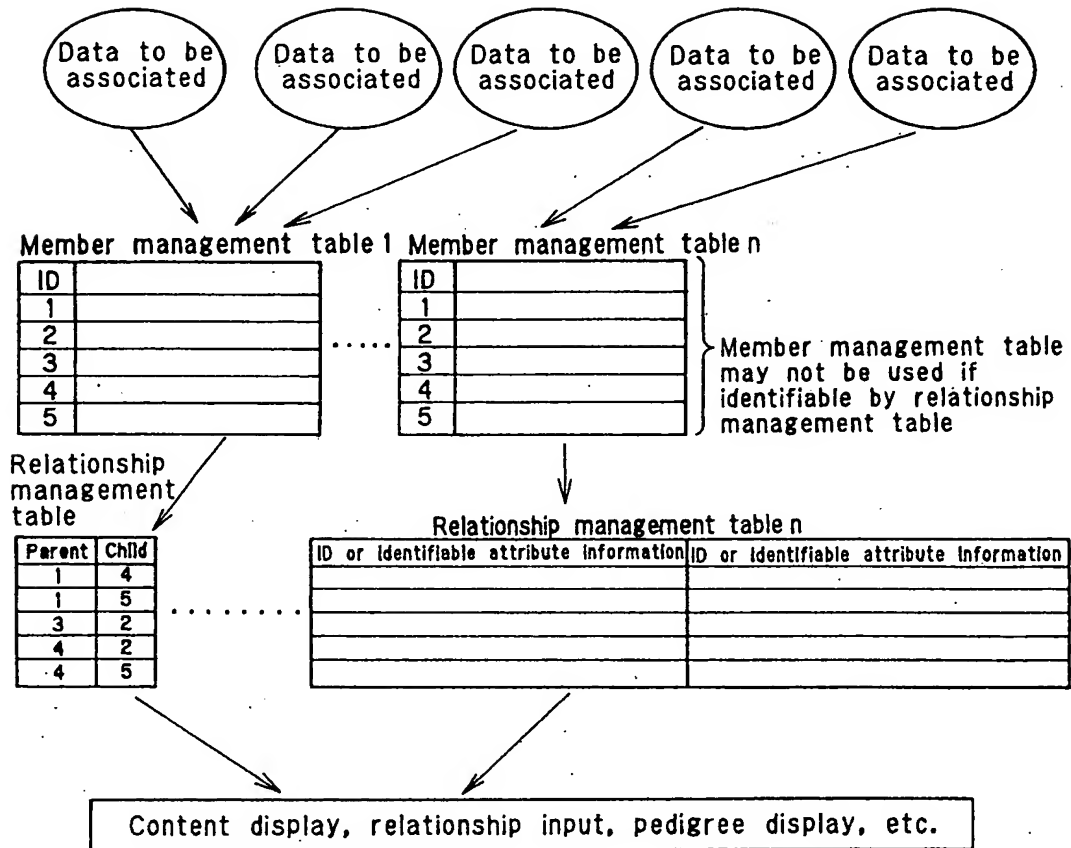


FIG. 19(B)

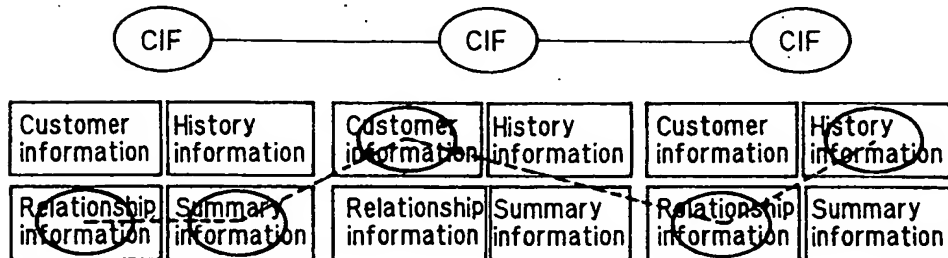


FIG. 20

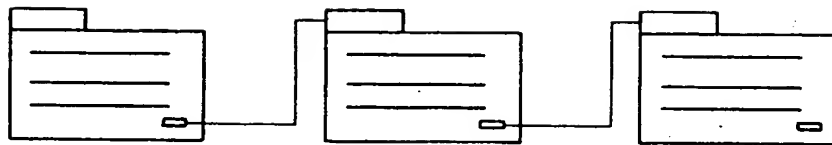
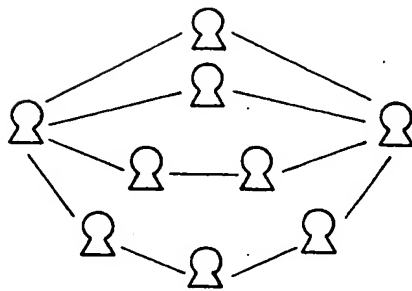


FIG. 42



In the case shown  
at left

Relative of the second  
degree (1)

Relative of the second  
degree (2)

Relative of the third  
degree (1)

Relative of the fourth  
degree (1)

**FIG. 21**

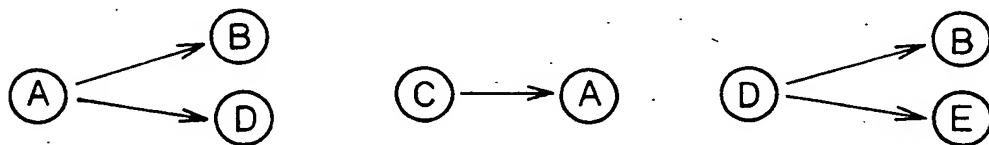
In case members are aligned  
in the order of parents

Parent	Child	Relationship
A	B	Friend
A	D	Family member
C	A	Colleague
D	B	Fishing friend
D	E	Fishing friend

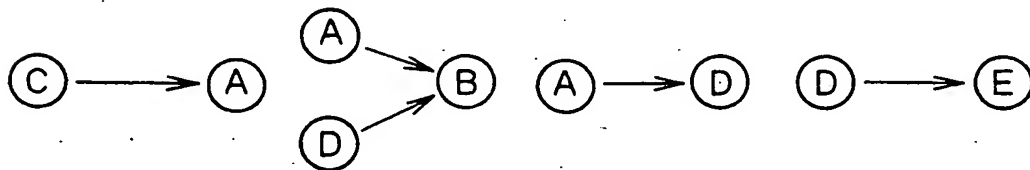
In case members are aligned  
in the order of children

Parent	Child	Relationship
C	A	Colleague
A	B	Friend
D	B	Fishing friend
A	D	Family member
D	E	Fishing friend

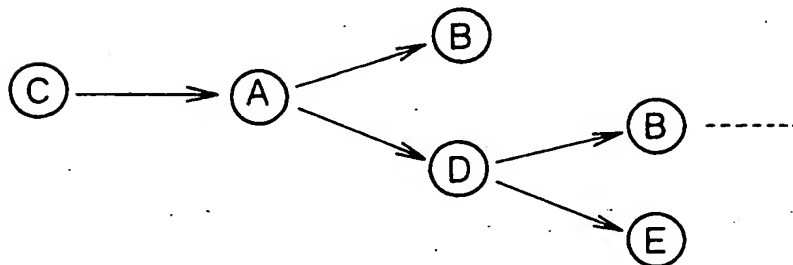
**FIG. 22**



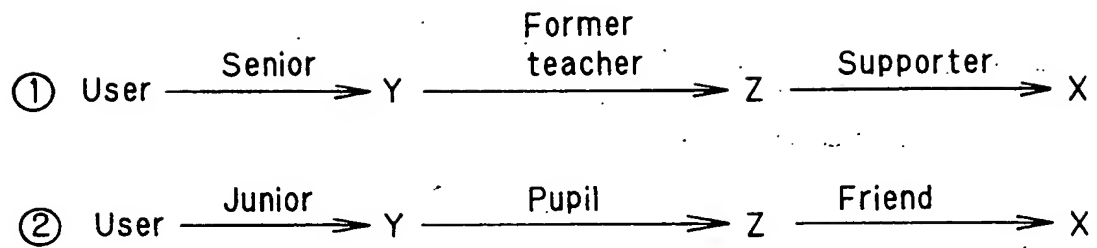
**FIG. 23**



**FIG. 24**



**FIG. 25**



**FIG. 26**

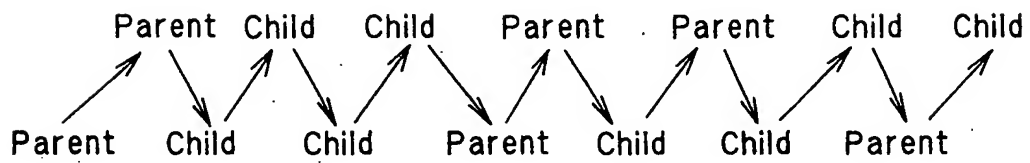




FIG. 27

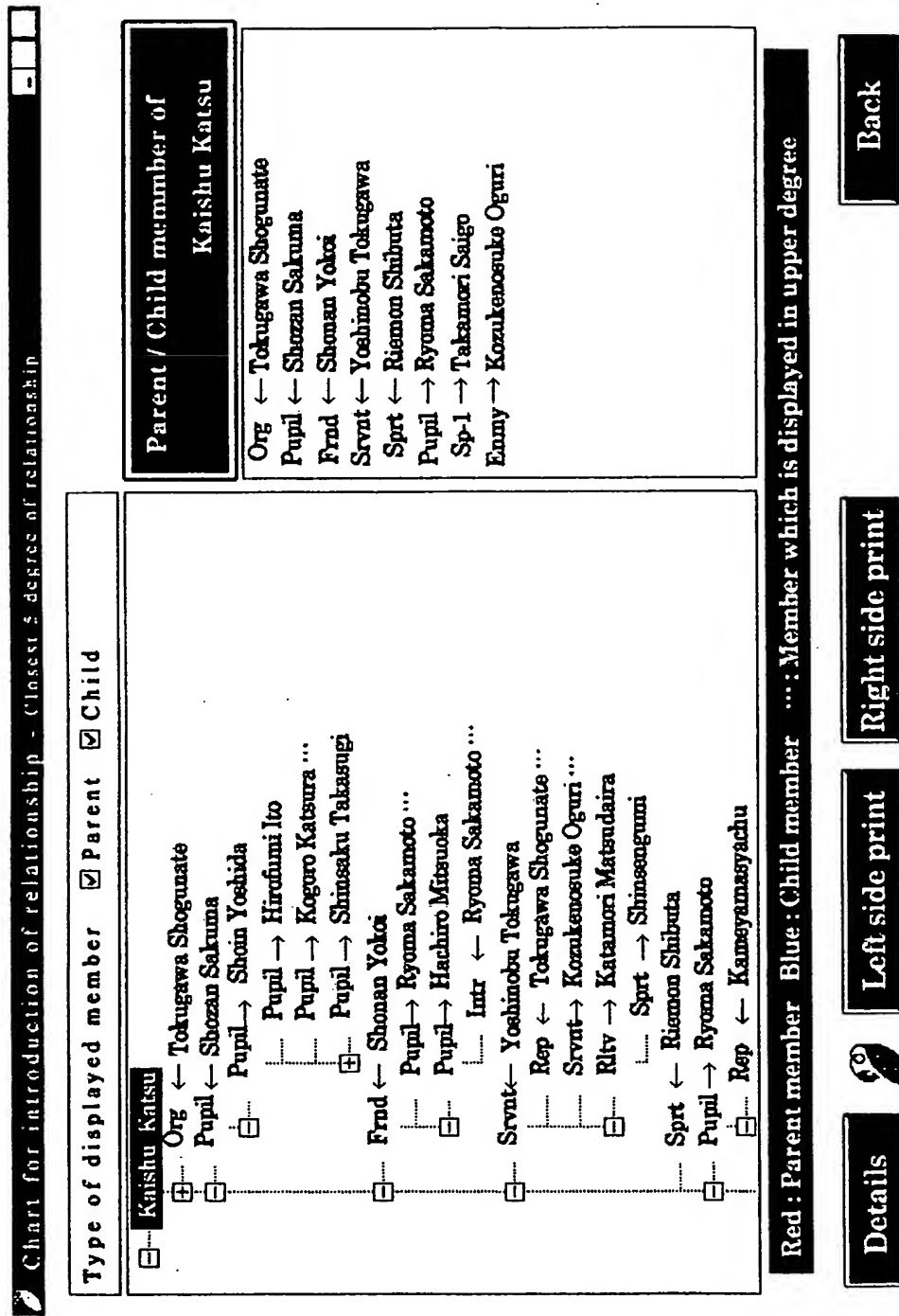
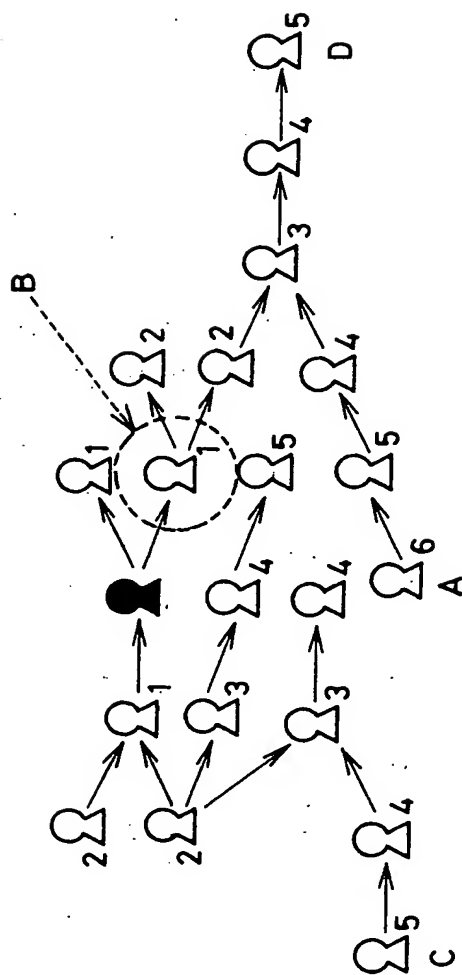




FIG. 29



**FIG. 30**

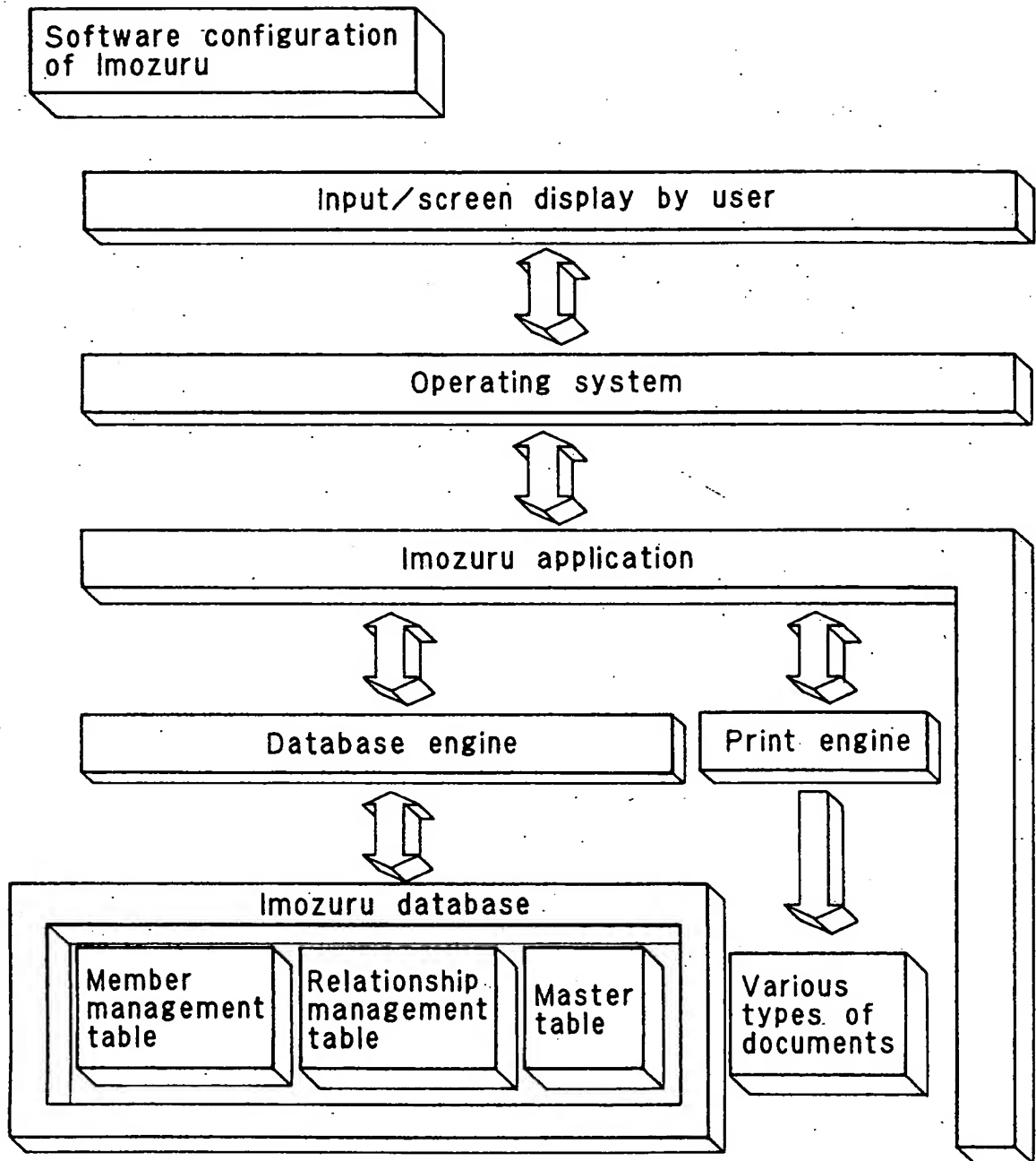




FIG. 32

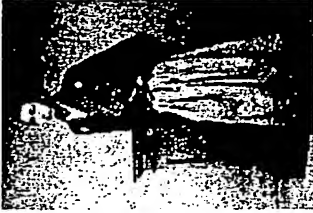

Register / Modify Member detail	
<div> <div> <input type="radio"/> Person           <input checked="" type="radio"/> Company         </div> </div>	
<div> <div>Registration date</div> <div>2000/10/24</div> </div> <div> <div>Modification date &amp; time</div> <div>2001/09/05 09:49:10</div> </div>	<div> <div>Image</div> <div>  </div> </div>
<div> <div>Name1</div> <div>Ryoma Sakamoto</div> </div> <div> <div>Name2</div> <div>Sakamoto Ryoma</div> </div> <div> <div>Sex</div> <div> <input checked="" type="radio"/> Male           <input type="radio"/> Female           <input type="radio"/> N/A         </div> </div> <div> <div>Zip</div> <div>xxx-xxx</div> <div> <div>Mail to:</div> <div>Not Mail</div> </div> </div> <div> <div>Home Address</div> <div> <div>Tosa</div> <div>Kochi</div> </div> </div> <div> <div>Phone</div> <div>xxx-xxxx-xxxx</div> <div> <div>Facsimile</div> <div>xxx-xxxx-xxxx</div> </div> </div> <div> <div>Cel. Phone</div> <div>xxx-xxxx-xxxx</div> </div> <div> <div>BOX</div> <div>Most Important</div> </div> <div> <div>Birth day</div> <div>1835/11/15 (Age 166)</div> </div> <div> <div>Class</div> <div> <div>030301</div> <div>Representative</div> <div>Nagasaki-Company</div> </div> </div> <div> <div>E-mail</div> <div>xxx@xxx.ne.jp</div> </div> <div> <div>URL</div> <div>www.xxxxx.ne.jp</div> </div>	<div> <div>Company</div> <div>Kameyamashachu</div> </div> <div> <div>Department</div> <div></div> </div> <div> <div>Direct line</div> <div></div> <div>Extension</div> <div></div> </div> <div> <div>Position</div> <div></div> </div> <div> <div>Custom1</div> <div>01-001</div> </div> <div> <div>Custom2</div> <div>1867/11/15</div> </div> <div> <div>History</div> </div> <div> <div>Modify</div> </div> <div> <div>Back</div> </div>
<div> <div>Print</div> <div>Relation</div> <div>Delete</div> <div>New Mem</div> </div>	

FIG. 33

Register BOX Code



0Q0 N/A
0Q2 Movals
0Q3 Real estate
1A1 Most Important
1A2 Important
1A3 Special
1B1 Branch Chief
1B2 Regional Chief

BOX Code

BOX Name

1A2

Important

Delete

OK

Back

FIG. 34

Modify priority of BOX

Priority	BOX	Name of class
1	OQ0	N/A
2	OQ2	Morals
3	OQ3	Real estate
4	IA1	Most Important
5	IA2	Important
6	IA3	Special
7	IB1	Branch Chief
8	IB2	Regional Chief
9	IC1	General
10	2A1	Sp-A Strang

New

Add →  
☐ Upper of current  
☒ End of list

Return ←

Priority

Before:

BOX

Name of class

OK

Back



FIG. 35

Register Classification Code

Large Class

00 NA

01 Edo

02 Kyoto

03 Nagasaki

04 Satsuma

05 Choshu

06 Tosa

07 Higo

08 Shinano

09 Echizen

Middle Class

00 -

Small Class

00 -

Delete

OK

Back

FIG. 36

Register Relationship Classification

For Modification data, double-click or type relationship classification code.

000	N/A	N/A
002	Same Member	Same
003	Representative	Rep
004	Belonging Organization	Org
005	Fellow	Fll
006	Pupil	Pupul
007	Introducer	Intr
008	Friend	Frnd
009	Servant	Srvnt

Relate Code

005

Delete

Relate Code Name

Fellow

OK

Ahrev. Name

Fll

Back



FIG. 38

Register Relationship

Base member

BOX

Most Important

Ryoma Sakamoto

Sakamoto Ryoma

Tosa

Phone

xx-xxxx-xxxx

Facsimile

Relationship

from Parent

to Child

Switch P/C

000 N/A

Object member

BOX

MC

Hachiro Mitsuoka

Mitsuoka Hachiro

Echizen

001 N/A

002 Same

003 Rep

004 Org

005 Fl

007 Intr

008 Frnd

009 Svnt

AP

AB

CD

EF

GH

IK

LM

NO

QR

ST

UV

WX

YZ

Symbol

Unit

Par

Child

Relate

Name1

Name2

1

2

N/A

100

101

Hachiro Mitsuoka

Katamori Mtsudaira

Mitsuoka Ueharu

Matsudaira Katam

Notes of parent

Notes of Child

Notes of Relationship

Introducing date

Common Anniversary

Notes date

P to C Degree

C to P Degree

Degree of Friendship

Relate-Custom1

Relate-Custom2

Reset Relate

Revise Relate

Chart

Detail

Switch Obj

Print relate

Back

FIG. 39

Chart for Introduction of Relationship - Parent, Child, Grandchild

Parent Member

Name	Link
Kameyamashac	Rep
Kaishu Katsu	Pupil
Shonan Yokoi	Pupil
Shojiro Goto	Pttr

Base Member

Ryoma Sakamoto

Sakamoto Ryoma

xxx-xxxx

Tosa

xxx-xxx-xxxx

Child Member

Link	Name
Intr	Takamori Saigo
Intr	Hachiro Mitsuoka
Fnd	Kogoro Katsura

Grandchild

Link	Name
Fnd	Toshimichi Okubo
Intr	Kaishu Katsu
Pttr	Kogoro Katsura

Detail

Change Object

Link-Search

Closest 5 degrees

Back

FIG. 40

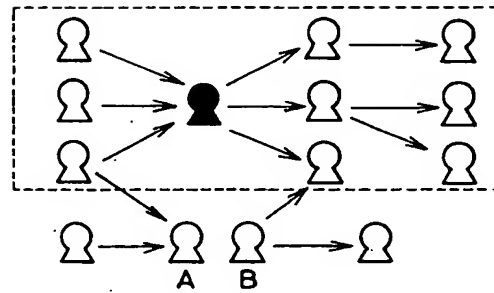
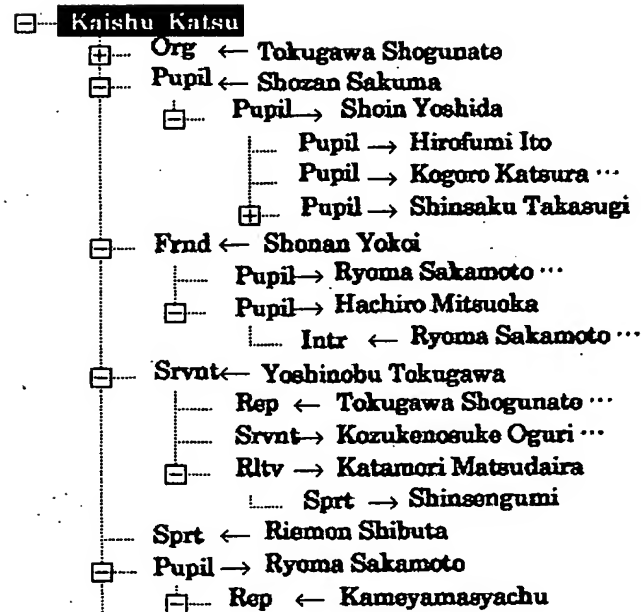


FIG. 41



# FIG. 43

Relationship management table (KKT)

ID	Parent	Child	Relationship classification
1	A	B	xxx
2	A	C	xxx
3	B	C	xxx
4	C	D	xxx
5	D	A	xxx

There may be arbitrary additional formation

Relationship vector table (KVT)

ID	Origin	Destination	Relationship classification	Time	Position	.....	Differentiation	KKT-ID
1	A	C	xxx	xxx	xxx	xxx	xxx	2
2	A	C	xxx	xxx	xxx	xxx	xxx	2
3	C	A	xxx	xxx	xxx	xxx	xxx	2
4	B	C	xxx	xxx	xxx	xxx	xxx	3
5	B	C	xxx	xxx	xxx	xxx	xxx	3
6	C	B	xxx	xxx	xxx	xxx	xxx	3
7	C	B	xxx	xxx	xxx	xxx	xxx	3
8	C	B	xxx	xxx	xxx	xxx	xxx	3
9	A	D	xxx	xxx	xxx	xxx	xxx	5
10	A	D	xxx	xxx	xxx	xxx	xxx	5

Arbitrary additional information

FIG. 44

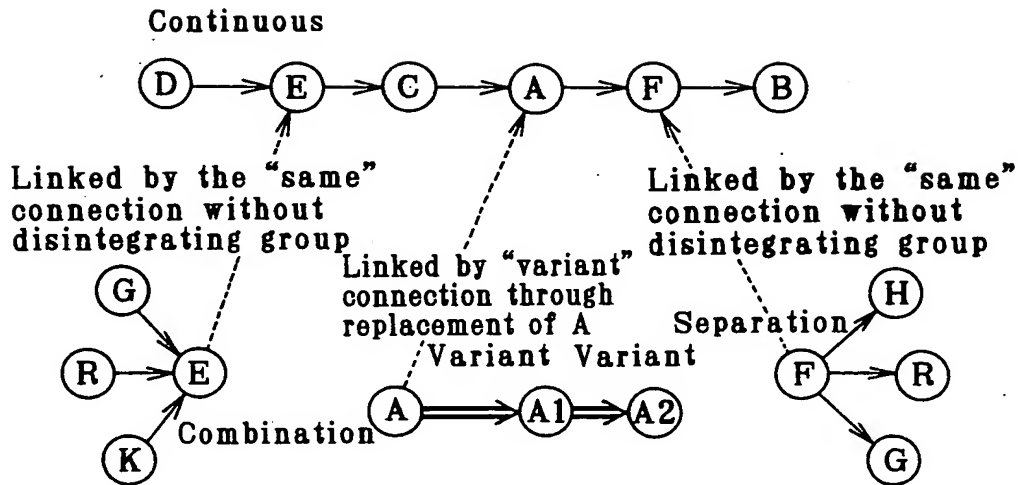


FIG. 45

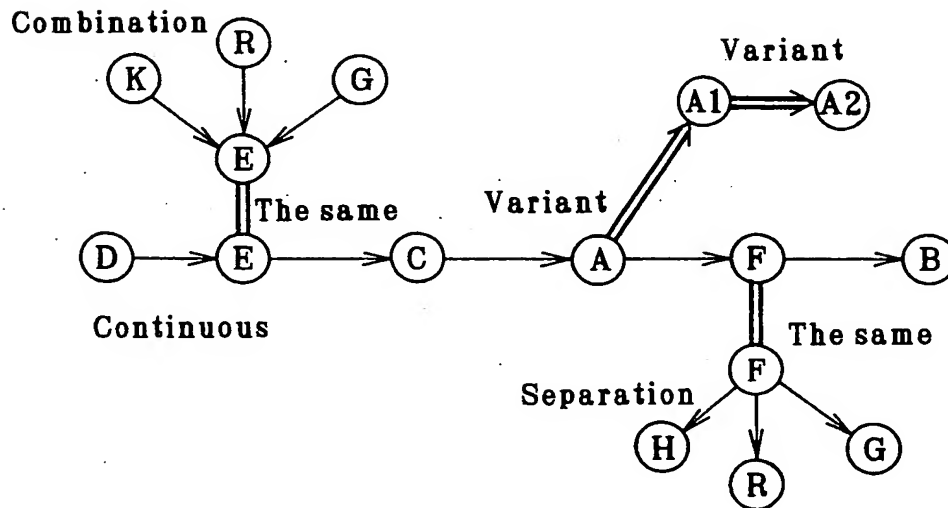




FIG. 46

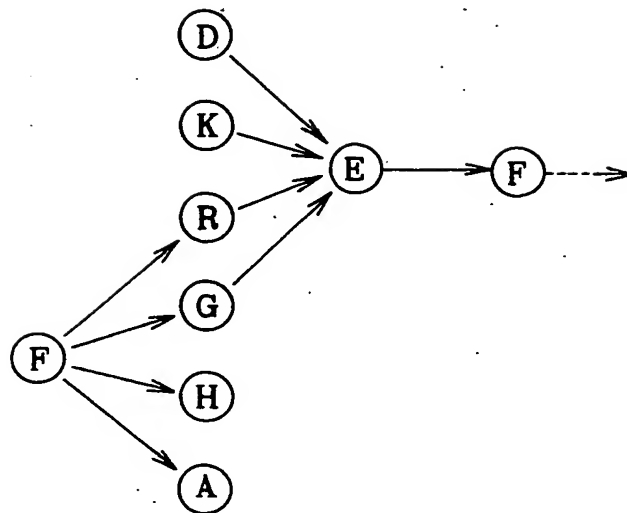


FIG. 47

